IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

in re application of: Anna Gutowska

Application No. 09/209,541

Filed: December 11, 1998

For: REVERSIBLE GELING CO-POLYMER

AND METHOD OF MAKING

Examiner: Jeffrey C. Mullis

Date: August 14, 2003

Art Unit: 1711

CERTIFICATE OF MAILING

AECENEL SANS I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on August 14, 2003 as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450. ALEXAMDRIA, VA.22313-1450.

Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT FOR CONTINUING APPLICATIONS

COMMISSIONER FOR PATENTS P.O. BOX 1450 **ALEXANDRIA, VA 22313-1450**

Listed on the accompanying form PTO-1449 are several English-language and/or non-English-language documents. Applicant respectfully requests that such documents be listed as references cited on the issued patent.

The present application relies upon U.S. Patent Application No. 08/870,368, which was filed June 6, 1997, for an earlier filing date under 35 U.S.C. § 120. Furthermore, documents listed on the accompanying form PTO-1449 were disclosed to or cited by the Patent Office in the earlier U.S. application.

Copies of the documents listed on the accompanying form PTO-1449 that were cited by applicant in the earlier application need not be sent to the Patent Office pursuant to 37 C.F.R. § 1.98. However, applicant will furnish the Patent Office with such copies upon request.

Copies of documents listed on the accompanying form PTO-1449 that were cited in a PTO-892 form by the Patent Office in the earlier application are enclosed. In addition, a copy of reference Han et al., Inverse thermally-reversible gelation of aqueous N-isopropylacrylamide copolymer solutions, Polymer, Vol. 39, No. 13, pp. 2809-2814, 1998, is cited for the first time in the accompanying PTO-1449.

Please charge any additional fees that may be required in connection with filing this Information Disclosure Statement, or credit any overpayment, to Deposit Account No. 02-4550. A duplicate copy of this sheet is enclosed.

The filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in Rule 56.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

Ву

Lisa M. Caldwell

Registration No. 41,653

One World Trade Center, Suite 1600 121 S.W. Salmon Street

Portland, Oregon 97204 Telephone: (503) 226-7391

Facsimile: (503) 228-9446

23-65304 Attorney Docket Number Application Number 09/209.541 December 11, 1998 Filing Date INFORMATION DISCLOSURE STATEMENT First Named Inventor Anna Gutowska BY APPLICANT Art Unit 1711 **Examiner Name** Jeffrey C. Mullis **U.S. PATENT DOCUMENTS** Cite No. Number Name Date (optional) Initials* 3/1991 Gould et al. 5.000.955 ALE RIVER 10/1991 Mori et al. 5,053,228 Viegas et al. 5,124,151 6/1992 5,226,902 7/1993 Bae et al. Joshi et al. 10/1993 5,252,318 5,290,494 3/1994 Coombes et al. 5,292,517 3/1994 Chang 1/1996 5,484,610 Bae 5/1997 Sassi et al. 5,631,337 FOREIGN PATENT DOCUMENTS Examiner's Cite No. Number Country Date Initials* (optional) Examiner's Cite No. **OTHER DOCUMENTS** Initials* (optional) PH SENSITIVE HYDROGELS BASED ON THERMALLY REVERSIBLE GELS FOR ENTERIC DRUG DELIVERY, LC Dong, AS Hoffman, P Sadumi, Proceed. Intern.

EXAMINER	DATE
SIGNATURE:	CONSIDERED:
old Millore.	CONSIDERED.

Symp. Control. Rel. Vioac. M., 18, (1989), Controlled Release Society.

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

		Attorney Docket Number	23-65304
		Application Number	09/209,541
INFORMATION	N DISCLOSURE STATEMENT	Filing Date	December 11, 1998
В	BY APPLICANT	First Named Inventor	Anna Gutowska
		Art Unit	1711
		Examiner Name	Jeffrey C. Mullis
	LOWER CRITICAL SOLUTION TO THE CONTROL OF N-ISOPROPYLACRYLAMIDE ACRYLAMIDES, JH Priest, SI Mur Gels and Related Systems, Chapter 1	AND OTHER N-SUBSTIT ray, RJ Nelson, AS Hoffma 8, American Chemical Soci	TUTED n, Reversible Polymeric ety, 1987.
	DEVELOPMENT IF INJECTABLE SPECIFIC TREATMENT OF SOLI R Jones, 6th Int. Symp. on Recent A SLC, UT.	D TUMORS AND CONDY	LOMATA ACUMINATA,
	GRAFT COPOLYMERS THAT EXHIBIT TEMPERATURE-INDUCED PHASE TRANSITIONS OVER A WIDE RANGE OF PH, G Chen, AS Hoffman, Letters to Nature, Nature Vol. 373, 5 Jan. 1995.		
	INVERSE THERMALLY-REVERS ISOPROPYLACRYLAMIDE COPC Vol. 39, No. 13, pp. 2809-2814, 1999	OLYMER SOLUTIONS, CI 8.	K Han, YH Bae, Polymer,
	THERMALLY REVERSIBLE POLYMER GELS FOR BIOHYBRID ARTIFICIAL PANCREAS, B Vernon, Macromol. Symp., Vol. 9, pp. 155-167, 1996.		
			· · · · · · · · · · · · · · · · · · ·

EXAMINER	DATE
SIGNATURE:	CONSIDERED:

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.